

COMMONWEALTH OF MASSACHUSETTS

CITY OF CAMBRIDGE

IN RE: POLE & CONDUIT COMMISSION

William Dwyer, Superintendent of Streets

George Fernandes, City Electrician

STAFF:

Ellen Watson, Executive Officer

-- Held At --

Michael J. Lombardi Municipal Building
831 Massachusetts Avenue
Cambridge, Massachusetts
Basement Conference Room

Thursday, June 16, 2011

10:06 a.m.

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P R O C E E D I N G S

ELLEN WATSON: Okay. We are going to start the meeting.

We're at a meeting with the Pole and Conduit Commission. Today is Thursday, June 16, 2011, it is now 10:16 a.m.

We are in the Michael J. Lombardi Municipal Building, 831 Massachusetts Avenue, Basement Conference Room, Cambridge, Massachusetts.

Sitting today is William Dwyer and George Fernandes. Please silence all electronic equipment. Thank you.

* * * * *

GEORGE FERNANDES: The first item will be a motion to accept the minutes of the meeting from Thursday, May 19, 2011.

WILLIAM DWYER: Seconded.

GEORGE FERNANDES: All in favor?

WILLIAM DWYER: Yes.

GEORGE FERNANDES: Do we have someone from the public? We can take that item first if you'd like. No? Okay.

* * * * *

GEORGE FERNANDES: Okay. The first item is Comcast.

ANTHONY VATALARO: My name is Anthony Vatalaro, V - as in Victor - A-T-A-L-A-R-O.

GEORGE FERNANDES: This is for a petition approved on May 19th pending a field meeting and it is for conduit on Rogers Street.

ANTHONY VATALARO: Yes.

GEORGE FERNANDES: We had that meeting and I believe the routing has changed.

ANTHONY VATALARO: Yes. And we followed up with a new design, a new drawing.

GEORGE FERNANDES: Did you submit a new drawing in?

ANTHONY VATALARO: I believe we did.

WILLIAM DWYER: Yes.

ANTHONY VATALARO: Yes, the drawing and scope of work.

GEORGE FERNANDES: It's not attached here.

ANTHONY VATALARO: I thought I sent it to Tricia.

1 GEORGE FERNANDES: Well, why don't
2 you send that back in again.

3 WILLIAM DWYER: Okay. I'm pretty
4 sure we put in a lot of permanent applications
5 with the DPW.

6 ANTHONY VATALARO: I will resend it
7 anyway.

8 GEORGE FERNANDES: Motion to approve?

9 WILLIAM DWYER: Seconded.

10 GEORGE FERNANDES: All in favor?

11 WILLIAM DWYER: Yes.

12 * * * * *

13 GEORGE FERNANDES: This is a petition
14 of Comcast. The petition was approved at the
15 May 19th meeting to place a new vault over
16 existing Comcast conduit in front of 3-7 Bow
17 Street. A trench of about 49 feet in the
18 public way including 10 feet of brick sidewalk
19 ending at 1 Bow Street.

20 And that required a field meeting
21 also. And that was done?

22 ANTHONY VATALARO: Yes. And nothing
23 changed on this. I met with J.R. and he
24 agreed to everything.

1 GEORGE FERNANDES: Any requirements?

2 WILLIAM DWYER: The requirements
3 would be city permits, departmental permits,
4 and SPOF regulations that apply.

5 ANTHONY VATALARO: What was the
6 second one?

7 WILLIAM DWYER: SPOF regulations if
8 they apply. We'll determine that at public
9 works.

10 ANTHONY VATALARO: If I may, there
11 was also at the May 19th meeting -- 955 Mass.
12 Ave. was also on there pending a site survey,
13 and which I also met with J.R.

14 It's the third one down.

15 GEORGE FERNANDES: Yes.

16 ANTHONY VATALARO: So nothing really
17 changed on that other than the one -- he
18 bumped us over one sidewalk panel, so the
19 trench might increase by two feet.

20 GEORGE FERNANDES: Can you submit a
21 new drawing on that?

22 ANTHONY VATALARO: And that is to
23 Tricia, correct? Send it to Tricia?

24 GEORGE FERNANDES: Yes.

1 WILLIAM DWYER: That also will
2 require departmental permits and SP0F
3 regulations and also coordination with the
4 Massachusetts Avenue Reconstruction Project --
5 I should say Surface Improvement Project in
6 Central Square. That's with the DPW. You
7 need to coordinate that. We have some work
8 coming up in that area where you want to put
9 your conduit.

10 ANTHONY VATALARO: Who is handling
11 that?

12 WILLIAM DWYER: Jimmy Wilcox and Gary
13 Agnello (phonetically spelled). It will
14 probably be Jimmy Wilcox at the Monday morning
15 meeting and J.R., too. Why don't you stick
16 with J.R.

17 ANTHONY VATALARO: J.R.?

18 WILLIAM DWYER: Yes.

19 GEORGE FERNANDES: Motion to approve?

20 WILLIAM DWYER: Seconded, yes.

21 GEORGE FERNANDES: All in favor?

22 WILLIAM DWYER: Yes. Sorry, George.

23 ANTHONY VATALARO: Thank you.

24 * * * * *

1 GEORGE FERNANDES: The next one is
2 Nstar Electric for Highland Street,
3 Northwesterly from Pole 13, approximately 135
4 feet West of Appleton Street. Install
5 approximately nine feet of conduit.

6 SUSAN BARROSO: My name is Susan
7 Barroso, B-A-R-R-O-S-O. This is a service
8 upgrade overhead on the ground.

9 GEORGE FERNANDES: Okay. Do you know
10 if there is any telephone with Comcast
11 involved right now from Appleton Street?

12 SUSAN BARROSO: No.

13 GEORGE FERNANDES: Okay. Any
14 questions?

15 WILLIAM DWYER: No. Just the same
16 conditions that apply to Comcast as far as
17 departmental permits, SPOF regulations if they
18 apply.

19 GEORGE FERNANDES: Motion to approve?

20 WILLIAM DWYER: Seconded.

21 GEORGE FERNANDES: All in favor?

22 WILLIAM DWYER: Yes.

23 * * * * *

24 GEORGE FERNANDES: Nstar Electric for

1 Linskey Way, Northerly from manhole 2594 at
2 the intersection of Second Street, a distance
3 of approximately 37 feet of conduit.

4 SUSAN BARROSO: This is the service
5 for an office building, a lot of work being
6 done on Bidding Street, and I believe this
7 will be going underground. They want to put
8 the street going underground --

9 GEORGE FERNANDES: That's at 41 --

10 SUSAN BARROSO: Linskey Way.

11 GEORGE FERNANDES: That's in the
12 newly paved street?

13 WILLIAM DWYER: Yes, that's why --
14 which is probably going to be excavated.
15 We're going to need to have a site meeting out
16 there. Where there's so much work planned and
17 scheduled and coordinated; so we'll need that
18 number one. And then permits and SPOF
19 regulations will also apply. SPOF regulations
20 cover newly paved streets and sidewalks. So
21 with those conditions -- I'm fine with those
22 conditions added to it.

23 GEORGE FERNANDES: Motion to approve?

24 WILLIAM DWYER: Seconded.

1 GEORGE FERNANDES: All in favor?

2 WILLIAM DWYER: Yes.

3 * * * * *

4 GEORGE FERNANDES: Nstar Electric for
5 Cambridge Street, Westerly from manhole 834 at
6 the intersection of Camelia Avenue, to install
7 sidewalk roadway antenna.

8 And on Leonard Avenue, Westerly side,
9 install associated 18-inch repeater antenna on
10 Pole 4.

11 WILLIAM DWYER: And the same
12 restrictions, departmental permits and SPOF
13 regulations. I don't think we have anything
14 else.

15 GEORGE FERNANDES: Motion to approve?

16 WILLIAM DWYER: Seconded.

17 GEORGE FERNANDES: All in favor?

18 WILLIAM DWYER: Yes.

19 * * * * *

20 GEORGE FERNANDES: And the last is
21 Nstar Electric, and this is for a Cooling
22 Return Pipeline from Substation 509 to
23 Substation 831.

24 For the record, I'm just going to

1 read off the -- I believe it's the preferred
2 route that you're going to take.

3 There's four segments to this:

4 Segment 1: Will be from Alewife
5 Station East on Terminal Road to Alewife Brook
6 Parkway heading South to Concord Avenue, East
7 on Concord Avenue to Sozio rotary.

8 Segment 2: We go from Sozio rotary
9 North to New Street, East down Bay State Road,
10 continuing down Field Street, continuing down
11 Garden Street, turning North to (midway) down
12 Chancy Street.

13 Segment 3: Will be South down Chancy
14 Street back to Garden Street, East on Garden
15 Street to Waterhouse Street, North down
16 Waterhouse Street to Mass. Avenue, East on
17 Mass. Avenue to Cambridge Street, continuing
18 through the tunnel to Quincy Street, South
19 down Quincy Street to Mass. Avenue.

20 And the fourth and last segment will
21 be Segment 4, and that's East down Mass.
22 Avenue to Putnam Avenue, South down Putnam
23 Avenue to Putnam Station, entering just before
24 Pleasant Street.

1 WALTER SALVI: Good morning. My name
2 is Walter Salvi, S-A-L-V-I. I'm the company's
3 Metropolitan Manager of Community Relations
4 and substituting inadequately, I suppose, for
5 Bill Samperelli (phonetically spelled), who is
6 on a college visit with his daughter, so
7 that's why you see a strange face here.

8 With me is Jack Gaughan. Jack is
9 project manager, and he is working out of our
10 project section. And this is basically a
11 major effort on Nstar's part to recognize the
12 reliability and capacity needs for the City of
13 Cambridge as it moves forward.

14 The installation of this return line
15 increases by about 15 to 20 percent the
16 ability of the existing line to carry load in
17 this area.

18 These stations serve everything in
19 the Cambridge load East of Harvard Square. So
20 it's a critical part of your infrastructure
21 and it's a critical part of our infrastructure
22 in order to be able to serve you.

23 We have with us today -- and Jack is
24 going to introduce the team that he's working

1 with on this to answer any questions, and we
2 welcome the opportunity to address these
3 concerns from you, the public, about moving
4 forward.

5 JACK GAUGHAN: Hi, I'm Jack Gaughan,
6 project manager. With me today consulting
7 from TRC is Steve Damiano from Nstar Electric,
8 Transmission Engineering, Roger Dashner, NCRC
9 consulting, Bev Schultz, Environmental and
10 Permitting.

11 GEORGE FERNANDES: Thank you.

12 So can you give a brief description
13 of, not construction-wise, but why this is
14 being done and maybe what's involved in that
15 and what your time line is for this?

16 JACK GAUGHAN: Okay. This project is
17 being built to increase the capacity for the
18 City of Cambridge through the two existing 150
19 KV transmission lines presently connecting
20 between Alewife Station and Putnam Station.
21 And it will increase the capacity throughout
22 this area 20 to -- we think even 40 percent
23 over the next ten years for the City of
24 Cambridge for reliability.

1 The schedule for construction that we
2 are trying to proceed with is from July of
3 this year through to the end of December of
4 2011. And concurrently building inside the
5 substations, between the two substations, is
6 Putnam Station where we have Station 831,
7 we're going to have heat exchanges at 831 and
8 at Station 509, which actually a cooling piece
9 of equipment to increase the capacity.

10 And we already have obtained the
11 permits from the City, and we intend to build
12 those in concurrence with this pipeline over
13 the fall season also.

14 GEORGE FERNANDES: Is there anybody
15 from the public that wants to speak?

16 BRIAN CULVER: I'm Brian Culver
17 representing Harvard University Engineering
18 and Utilities.

19 We've been working with Nstar as this
20 effects our facilities. I think we are
21 supportive of the route proposed, particularly
22 the fact that they are going through the
23 underpass.

24 THE STENOGRAPHER: Excuse me. Can

1 you keep your voice up for me. I can't hear
2 you. I'm trying to take it down and there's a
3 vent right over my ears.

4 BRIAN CULVER: I'm sorry. Where was
5 I? Okay. We support the underpass. I think
6 it makes sense as far as we are concerned.

7 Our only area of concern is the
8 section that goes down Quincy Street. We have
9 a large construction project underway at the
10 Farg Art Museum which currently is taking up
11 part of the roadway for that construction.

12 So we just want to have some
13 consideration for the coordination of what you
14 are doing in that location and how it will
15 effect our project.

16 JACK GAUGHAN: Absolutely. We plan
17 on doing coordination, and I'm going to have
18 scheduled meetings.

19 And also the City of Cambridge has a
20 water and sewer project going on, so we're
21 going to have a meeting every week with a
22 two-week look-out to coordinate any kind of
23 issues within the time frames of any projects
24 going on in the City.

1 GEORGE FERNANDES: Thank you.

2 BRIAN CULVER: And we'll develop
3 walkway plans dealing with that area, as well
4 as the rest of the project, and that will be
5 part of the coordination.

6 GEORGE FERNANDES: Anyone else?

7 RALPH GOUTZE: I'm Ralph Goutze
8 G-O-U-T-Z-E. I live at 97 Garden Street. And
9 when registered mail or certified mail comes,
10 it raises my curiosity. I realize we dig up
11 lots of things, but this is obviously right in
12 front of where my driveway is.

13 And I have no objection, it is great
14 to have electricity 24/7 and 365. But I'm
15 simply curious. I'm learning indirectly that
16 the high voltage lines that are beneath the
17 pavement, the cooling and so forth, as the
18 pipes go around the city there will be more
19 ditches and more bumps. I'm fascinated as to
20 what you guys are up to.

21 And I hear from what you are saying
22 that it will be between this July and this
23 December.

24 BRIAN CULVER: Projects like this

1 where we have residential neighbors --

2 THE STENOGRAPHER: Excuse me. I
3 can't hear you. It's very hard, I know, but I
4 have to take this down.

5 BRIAN CULVER: Please excuse me if I
6 turn my back. I'll try to speak loudly.

7 On these types of projects when we
8 are dealing with residential neighborhoods,
9 the key point is that we knock on doors and
10 let you know what is happening.

11 As part of this plan going on with
12 the City, there is going to be a designated
13 individual full-time working with the hearing
14 relations representative with the City of
15 Cambridge.

16 The construction scheduled will be
17 posted on our website. You will get a
18 look-ahead notice of about ten days. If there
19 is going to be any impact directly in front of
20 your house, the access to your driveway, the
21 street, there will be a place for you to go in
22 and out of your home.

23 And this is not just you. This is
24 for everybody that will be affected. And it

1 also will be coordinated with the police and
2 fire to make sure that their access to road
3 closings and part of the traffic plan is to
4 make sure that those services remain
5 uninterrupted.

6 RALPH GOUTZE: I have no objection.
7 I'm just intrigued. I know that often streets
8 become one-way and so forth.

9 Where my folks have a place, the
10 streets have been dug up and you can't get in
11 and out at certain hours of the day and so
12 forth. And I assume that will all be shared
13 with us so that we are not locked inside our
14 driveways.

15 BRIAN CULVER: Oh, absolutely. This
16 project is 3.6 miles. In the scheme of things
17 from a business standpoint, this is kind of
18 small. But for its importance to the per
19 capita and to the individual, we recognize
20 that issue.

21 JACK GAUGHAN: Right. It would only
22 be in one section of the road for a two- to
23 three-week period at the longest. So during
24 that whole construction phase, your road will

1 not be blocked.

2 RALPH GOUTZE: That's fine. I didn't
3 realize the high voltage lines had to be
4 cooled and so forth.

5 WILLIAM DWYER: Well, we will put it
6 together with Roger and you'll be an expert by
7 the end of the day.

8 RALPH GOUTZE: Okay.

9 GEORGE FERNANDES: The City will
10 coordinate, again, through Public Works and
11 they'll coordinate with Nstar to make sure
12 that people get notification so each morning
13 or whatever, you'll move your car and in the
14 evening you can return.

15 RALPH GOUTZE: That sort of thing is
16 nice to know.

17 BRIAN CULVER: And specifically for
18 the pipe on Garden Street, which I think you
19 mentioned is where you live, the pipe is going
20 to be located on the North side of Garden
21 Street and there will always be maintained at
22 least one lane open during construction.

23 And, again, as Jack said, the area's
24 active construction will be during the day,

1 and so there will always be access down Garden
2 Street during construction.

3 RALPH GOUTZE: Okay. I am on the
4 North side of Garden Street, and the letter
5 didn't say, but my guess is the GIS planner
6 used to work for the City of Boston has a
7 pretty good sense of what is involved and so
8 forth. And I bet this is going to be
9 exciting.

10 GEORGE FERNANDES: Yes.

11 RALPH GOUTZE: That's fine.

12 GEORGE FERNANDES: And so we also
13 know that we've been working on this project
14 with you for the last two or three months, on
15 and off, so there is a lot of engineering
16 involved, a lot of design issues, and we also
17 know that that route might change.

18 And if it does change, then Nstar
19 would have to resubmit plans for those
20 changes. And I believe most of those changes,
21 it could happen that the public has already
22 been notified of those routes.

23 RALPH GOUTZE: Yes.

24 GEORGE FERNANDES: So all of the

1 possible routes that seem feasible to get from
2 point A to point B have been identified, the
3 public has been notified.

4 So if there is any changes in the
5 route, you'll have to resubmit the plans back
6 here for the approval.

7 Also, there will be a license
8 agreement with the City.

9 BRIAN CULVER: That's correct.

10 GEORGE FERNANDES: To address
11 community issues and so on and so forth, and
12 repaving the streets might be in there, and
13 any other structures you might --

14 BRIAN CULVER: Yes, we talked about
15 that.

16 GEORGE FERNANDES: -- might have to
17 be replaced for the City of Cambridge because
18 this is not something that can be -- this
19 pipeline is not something that can be easily
20 relocated in the future.

21 So once that license is generated and
22 approved, I'd like that submitted back to
23 conduit as well so it gets filed with the
24 pipeline, so that in the future if somebody is

1 looking at these drawings they will see that
2 agreement in there as well.

3 BRIAN CULVER: We understand that the
4 license is subsequent to your acceptance of
5 the proposal here today and we will attempt to
6 start on that at about 11:20.

7 GEORGE FERNANDES: Okay. Any other
8 issues?

9 WILLIAM DWYER: Just a couple of
10 things.

11 GEORGE FERNANDES: Well, there are
12 going to be a lot of issues, but most of them
13 will be addressed in the license agreement.

14 WILLIAM DWYER: Right. With those
15 couple of things, I just want to add that you
16 continue your efforts to meet with DCR to
17 explore alternative routes. I know you were
18 doing that yesterday and you continue to do
19 that.

20 You'll continue your group meetings
21 with DPW and its consultants along with your
22 consultants, and we keep that area open and
23 we'll touch upon all the topics we just
24 mentioned: engineering, construction

1 management, public relations, and things of
2 that nature; and everything we need for you
3 folks to do as far as notifications, be it
4 paper, knock on doors, or web sites.

5 And, also, when it comes to -- when
6 we get beyond this and we get the plan, let's
7 say, finalized, if you will, that while this
8 project is -- once it is permitted by Public
9 Works and Electrical and other City
10 departments, if necessary, Traffic may be
11 another one, that you have representatives at
12 the Monday morning construction meetings, you
13 know, for as long as they run, as long as the
14 project goes.

15 Because there will be a lot of
16 coordination being done with the -- at this
17 point, there's several contractors, I guess,
18 that you'll want to use at the same time. So
19 that's a pretty large -- it can be a complex
20 coordination effort.

21 BRIAN CULVER: My understanding is
22 that Jack has assigned, you know, from a
23 construction standpoint, somebody to the
24 Monday morning meetings. And we've assigned a

1 community relations person to that Monday
2 morning meeting as well.

3 And this is in addition to your
4 regular Nstar activity, so this is going to
5 get the highest possible focus.

6 GEORGE FERNANDES: Okay. And any
7 approval today will still mean that you may or
8 may not start to construct this pipeline until
9 either the route is defined and the license
10 agreement is completed, and Public Works has
11 the last say on issuing it.

12 BRIAN CULVER: Let me make sure I
13 understand this. Assuming that you approve
14 this for us to go forward with the licensing
15 agreement, and we are working on the licensing
16 agreement, can we go to DPW and seek approval
17 to work on a portion of the route that is not
18 under question pending the license? That's
19 what I'm not sure of.

20 GEORGE FERNANDES: That could happen.
21 But if the entire route or a portion of that
22 route has not been defined -- and it is
23 probable that it may not be -- and you have to
24 change routing, it is their risk that lets you

1 do that construction because you may be going
2 in a direction that you can't. That's the
3 issue.

4 BRIAN CULVER: Okay. We'll wait for
5 the licensing then and we'll work from there.

6 WILLIAM DWYER: Because if the routes
7 have to change prior to construction, then I
8 would think you have to file new paperwork
9 here.

10 GEORGE FERNANDES: Yes.

11 BRIAN CULVER: That's good.

12 WILLIAM DWYER: So there's a lot of
13 crawling before we start running.

14 GEORGE FERNANDES: More meetings.

15 WILLIAM DWYER: My reason for living.

16 GEORGE FERNANDES: Any other issues?

17 WILLIAM DWYER: No, I think that
18 covered them.

19 Well, there's a question in the back.

20 JACQUI DUFFY: I just want to comment
21 if any members of the public want me to take
22 down their e-mail address and we can send them
23 a notice when the web page is up.

24 GEORGE FERNANDES: The Nstar web

1 page?

2 JACQUI DUFFY: Yes.

3 GEORGE FERNANDES: I think we can
4 probably do that through your management
5 person.

6 WILLIAM DWYER: Right.

7 GEORGE FERNANDES: We have a
8 community manager that will inform people
9 along the route when construction is
10 happening. And you can work with them --

11 WILLIAM DWYER: Coordinate with her,
12 yes.

13 GEORGE FERNANDES: And she can say
14 that they can go to the Nstar website.

15 BRIAN CULVER: And I assume Bill has
16 her name and contact information?

17 WILLIAM DWYER: Yes, we have that.

18 GEORGE FERNANDES: So we'll work
19 closely with Nstar.

20 BRIAN CULVER: Great.

21 GEORGE FERNANDES: Okay. Motion to
22 approve?

23 WILLIAM DWYER: Seconded.

24 GEORGE FERNANDES: All in favor?

1 WILLIAM DWYER: Yes.

2 GEORGE FERNANDES: Yes. Thank you.

3 BRIAN CULVER: Thank you very much.

4 GEORGE FERNANDES: Any others? Any
5 delayed orders?

6 JACQUI DUFFY: This is that one for
7 the Salvation Army. We had a change because
8 of where the property was going on, it was in
9 between the Salvation Army and the fire
10 department. We brought it a while ago. And
11 it was on the fire department, so now we
12 changed the way the conduit is going in.

13 GEORGE FERNANDES: Okay. This is --
14 we removed it from the agenda pending hearing
15 from the owner --

16 WILLIAM DWYER: Yes.

17 GEORGE FERNANDES: -- or the owner's
18 rep, which I did. And the result of that was
19 that they changed the direction and entrance
20 point of the conduit because originally, the
21 way they were doing it, it would have been on
22 City property of the fire station, which would
23 have required either an easement, which was
24 not advisable, or a license agreement.

1 And I had suggested that they enter
2 at a different point of the building, which
3 they are so doing. So that issue has gone
4 away.

5 WILLIAM DWYER: What does that run,
6 Jacqui? How long, do you happen to know?

7 JACQUI DUFFY: How long what, the
8 job? How long of a job it will be.

9 WILLIAM DWYER: Yes.

10 JACQUI DUFFY: I don't know.
11 How long do you think it will be? A couple of
12 days, right?

13 WILLIAM DWYER: What's the footage?

14 GEORGE FERNANDES: It's 18 feet.

15 JACQUI DUFFY: It's 18 feet. It
16 shouldn't be long. The customer really wants
17 to get moving on this, that's why we brought
18 it in as an add-on.

19 WILLIAM DWYER: Excuse me. We should
20 have a site meeting, though. You know, given
21 where it is located, I'd like to have your
22 folks on the construction end of things meet
23 with Jay Anorangan (phonetically spelled) out
24 there, and then from that, the City department

1 permits and SP0F regulations apply.

2 The sidewalk is two and a half years
3 old, I think, maybe three; it's fairly new.

4 JACQUI DUFFY: Okay.

5 GEORGE FERNANDES: Motion to approve
6 pending a site meeting with Public Works?

7 WILLIAM DWYER: Seconded.

8 GEORGE FERNANDES: All in favor?

9 WILLIAM DWYER: Yes.

10 GEORGE FERNANDES: Motion to adjourn?

11 WILLIAM DWYER: Seconded.

12 GEORGE FERNANDES: All in favor?

13 WILLIAM DWYER: Yes.

14

15 (Whereupon, the Hearing was adjourned
16 at 10:39 a.m.)

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C E R T I F I C A T E

**COMMONWEALTH OF MASSACHUSETTS
SUFFOLK, SS.**

I, Evelyn M. Slicius, a Certified
Shorthand Reporter and Registered Professional
Reporter, the undersigned Notary Public,
certify that:

I am not related to any of the parties
in this matter by blood or marriage and that I
am in no way interested in the outcome of this
matter.

I further certify that the testimony
hereinbefore set forth is a true and accurate
transcription of my stenographic notes to the
best of my knowledge, skills and ability.

IN WITNESS WHEREOF, I have hereunto set
my hand this 22nd day of June, 2011.

Evelyn M. Slicius
Notary Public
Certified Shorthand Reporter
License No. 127193
My Commission Expires:
May 15, 2013

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